

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Stefanov et al.
FOR : **FLIP CHIP LIGHT EMITTING DIODE
WITH MICROMESAS AND A
CONDUCTIVE MESH**
SERIAL NO. : Not yet assigned
FILED : Herewith
EXAMINER : N/A
ART UNIT : Unknown
CONFIRMATION NO. : N/A
ATTORNEY DOCKET NO. : **129798/GLOZ200130**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed require(s) no further explanation (or no translation is available).

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☒ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These one or more prior applications are identified in the papers accompanying the filing of this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

April 16, 2004
Date

Robert M. Sieg
Scott A. McCollister, Reg. No. 33,961
Robert M. Sieg, Reg. No. 54,446
1100 Superior Avenue
Seventh Floor
Cleveland, OH 44114-2579
216/861-5582

CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement and accompanying document(s) are being

☐ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

☐ transmitted to facsimile number under 37 C.F.R. 1.8 on the date indicated below.

☒ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Label No.: <i>EL 99801730845</i>
Date <i>April 16, 2004</i>

Signature <i>Mary Ann Temesvari</i>
Printed Name Mary Ann Temesvari

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Complete if Known	
	Application Number	Unknown
	Filing Date	Concurrently Herewith
	First Named Inventor	Emil P. Stefanov et al.
	Art Unit	Unknown
Examiner Name	Unknown	
Sheet 1 of 1	Attorney Docket No.	129798/GLOZ200130

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,954,534	05/1976	Scifres et al.	
		5,087,949	02/1992	Haitz	
		5,779,924	07/1998	Krames et al.	
		5,793,062	08/1998	Kish, Jr. et al.	
		6,287,947	09/2001	Ludowise et al.	
		6,410,942	06/2001	Thibeault et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
		DE 4218806A1	09/1993	Temic Telfunken		<input type="checkbox"/>
		WO 02/41410	05/2002	Osram Opto		<input type="checkbox"/>
		WO 02/056113	07/2002	Osram Opto		<input type="checkbox"/>
		WO 02/05358	01/2002	Osram Opto		<input type="checkbox"/>
		WO 02/13281	02/2002	Osram Opto		
		WO 01/41225	06/2001	Cree Lighting Co.		
		WO 01/41219	06/2001	Cree Lighting Co.		
		WO 01/97295	12/2001	Kansas State Univ.		
		WO 01/69692	09/2001	Lumileds Lighting		
		WO 02/061847	08/2002	Cree, Inc.		
		WO 02/07231	01/2002	(Japanese)		
		WO 02/07232	01/2002	(Japanese)		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------